

Monoclonal Anti-*Mycobacterium tuberculosis* Antigen 85 Complex (FbpA/FbpB/FbpC; Genes Rv3804c, Rv1886c, Rv0129c), Clone IT-55 (HRT2) (produced *in vitro*)

Catalog No. NR-13654

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Contributor and Manufacturer:

NIH - TB Vaccine Testing and Research Materials Contract

Product Description:

Antibody Designation (Original Designation): IT-55 (HRT2)*
Monoclonal antibody to *Mycobacterium tuberculosis*, strain H37Rv Antigen 85 complex (Fibronectin-binding proteins FbpA/FbpB/FbpC) was produced in cell culture using a B cell hybridoma generated by the fusion of myeloma cells with immunized mouse splenocytes.

*Has shown poor reactivity to Rv3804c

Material Provided:

Each vial contains approximately 500 µL of NR-13654 provided as cell culture supernatant.

Packaging/Storage:

NR-13654 was packaged aseptically in screw-cap cryovials. The product is provided frozen on dry ice and should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Monoclonal Anti-*Mycobacterium tuberculosis* Antigen 85 Complex (FbpA/FbpB/FbpC; Genes Rv3804c, Rv1886c, Rv0129c), Clone IT-55 (HRT2) (produced *in vitro*), NR-13654."

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

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References:

1. Cole, S. T., et al. "Deciphering the Biology of *Mycobacterium tuberculosis* from the Complete Genome Sequence." Nature 393 (1998): 537-544. PubMed: 9634230. Erratum in: Nature 396 (1998): 190-198.
2. TubercuList: [Rv3804c](#), [Rv1886c](#), [Rv0129c](#)

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